

Characteristics



- HEPA Filter - Included with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822.
- *Cleanroom compatible. Can be used in the pharmaceutical industry
- Designed for mercury recovery
- Thru-Flow motor
- Dry recovery only
- Stainless steel SAE 304 recovery tank
- EMI/RFI shielded
- Timer (hour counter) included
- Available with an optional variable speed controller
- Includes Mersorb® brand activated carbon for the adsorption of mercury vapors
- Includes 2 suction hoses, complete tool kit, mercury separator and jars with lids
- based on a 4-wheel dolly

Stainless steel SAE 304 recovery tank. This unit contains a true HEPA Filter (H14) located upstream of the motor. This unit is designed for mercury recovery and includes Mersorb® brand activated carbon for the adsorption of mercury vapors. 2 suction hoses, complete tool kit, mercury separator and jars with lids are included. This unit is EMI/RFI shielded. All of our HEPA/ULPA vacuum cleaner are Aerosol Leak Tested before leaving our facility.

Specifications

	Unit	MRV-900 (HMR)
Part#		112136B
Weight	lbs	46
Filter Cleaning		NONE
Dimensions	Inches	H32 × W16 × L16
Paper Bag Capacity	Gal	2.5
Vacuum Pressure	Inches H ₂ O	95
Air Flow	CFM	120
Phase		Single
Horse Power	HP	1.3
Amperage	A	4.6
Wattage	W	1000
Hertz	Hz	50
Voltage	V	240
Plug		European Plug

High Efficiency Particulate Air Filter

A HEPA filter is a type of air filter, which means it filters the air coming in or out of the vacuum cleaner system. It can remove at least 99.99% of dust, pollen, mould, bacteria and any other airborne particles with a size of 0.3 micron or larger.

North-America: Each HEPA Filter has a minimum filtration efficiency of 99.99% on 0.3 micron. Tested as per IEST-RP-CC001.3 and OSHA compliant.

Europe: Each HEPA Filter has a minimum filtration efficiency of 99.995% on 0.3 micron, rated H14 as per EN 1822 by MPPS method.

Ultra Low Penetration Air Filter

A ULPA filter is a type of air filter. It can remove at least 99.999% of dust, pollen, mould, bacteria and any other airborne particles with a size of 0.12 microns or larger.

North-America: Each ULPA Filter has a minimum filtration efficiency of 99.999% on 0.12 micron. Tested as per IEST-RP-CC001.3.

Europe: Each ULPA Filter has a minimum filtration efficiency of 99.9995% on 0.18 micron, rated U15 as per EN 1822 by MPPS method.

EMI Suppression / RFI Shielding

These cleanroom vacuum cleaners are equipped with an electronic filter suppresser which reduces electromagnetic interference (EMI), both radiated and conducted, below class B limits for digital apparatus as established by the FCC and ISO. It also provides shielding against RFI (Radio Frequency Interference). The electronic filter is wired in line with the motor. If the electronic filter should fail, power to the motor will automatically be cut-off. These vacuum cleaners will not disrupt computers, radio and video monitors and other sensitive electronic equipment.



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PRE-FILTERS AND ACCESSORIES - Included		
Part#	Qty	Description
217730	1	POLYESTER FILTER ONLY, FOR MRV-900 (HMR) & MRV-1000 CARBON HOUSING
214313	1	TRIDON CLAMP STAINLESS STEEL #096; 114/165MM

DISPOSABLE FILTER BAGS - Included		
Part#	Qty	Description
212500	1	PAPER FILTER BAGS (PACKAGE OF 5)

POLY LINER RECOVERY BAGS - Included		
Part#	Qty	Description
212371	1	POLYLINER 10"(25.4cm)HIGH DRUM(212412)24"(61cm)x24"(61cm)-4 MIL LOW DENSITY FLAT POLY BAGS(5 PACK)
SUP446-1	1	4 mil TRANSPARENT POLY LINER 26" X 40"
218412	1	RELEASABLE NYLON CABLE TIES, 5 1/2" BLACK

ACTIVATED CARBON CARTRIDGE - Included		
Part#	Qty	Description
212214A	1	CARBON HOUSING ASSEMBLY WITH 1.5mm MERSORB FOR MODELS MRV-900 (HMR) & MRV-1000

MERCURY RECOVERY SEPARATOR AND ACCESSORIES - Included		
Part#	Qty	Description
212208	1	MERCURY SEPARATOR -STAINLESS STEEL(INCLUDES 2 MERCURY RECOVERY JARS AND (2) LIDS FOR JAR)
212210-8	1	JAR FOR MERCURY RECOVERY 8 oz (216 ml) WITH LID
212211	1	CLEAR SUCTION HOSE ASSEMBLY 1"(25.4mm)x8'(2.4m) FOR USE WITH MERCURY SEPARATOR

MERCURY RECOVERY JARS - Optional		
Part#	Qty	Description
212210	1	JAR FOR MERCURY RECOVERY 20oz(540 ml) WITH LID

TOOLS AND ACCESSORIES - Included		
Part#	Qty	Description
212215	1	CLEAR URETHANE SUCTION HOSE ASSEMBLY 10'(3m)WITH 1.5"(38mm) FEMALE CAMLOCK(PVC) ON ONE END
381477	1	DOUBLE BEND WAND 2 PC) -CHROME
381447A	1	UTILITY FLOOR TOOL, 1.5"(Ø38mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/GREY SQUEEGEE BLADES
383462	1	CONICAL NOZZLE ASSEMBLY W/CURVED TIP, 10"(25cm) CONDUCTIVE RUBBER, FOR NON WIRE HOSE (323562+381155)
381197	1	CREVICE TOOL 11" (27.9cm) -GREY PVC

WARNINGS:

Do not use these vacuum cleaners to recover explosive dusts or flammable liquids



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